

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A non-aqueous electrolyte cell comprising:

a positive electrode containing a lithium-transition metal compound oxide as a positive electrode active material;

a negative electrode containing a carbon compound or metal lithium as a negative electrode active material; and

a non-aqueous electrolyte interposed between said positive and negative electrodes;

wherein

said lithium-transition metal compound oxide is represented by the general formula

Li_xMnO_2 or $\text{Li}_x\text{Mn}_{1-y}\text{Al}_y\text{O}_2$ where $0.94 \leq x \leq 0.96$ and $0.06 \leq y \leq 0.25$;

wherein said electrolyte

is dissolved in a non-aqueous solvent and exists as a non-aqueous electrolyte and

is selected from the group consisting of LiClO_4 , LiAsF_6 , LiPF_6 , LiBF_4 , $\text{LiB}(\text{C}_6\text{H}_5)_4$,

$\text{CH}_3\text{SO}_3\text{Li}$, $\text{CF}_3\text{SO}_3\text{Li}$, LiCl and LiBr ; and

wherein said solvent is selected from the group consisting of propylene carbonate, ethylene carbonate, dimethyl carbonate, 1,2-dimethoxyethane, 1,2-diethoxyethane, γ -butyrolactone, 2-methyl tetrahydrofuran, 1,3-dioxolane, 4-methyl-1,3-dioxolane, 4-methyl-1,3-dioxolane, diethyl ether, sulforane, methyl sulforane, acetonitrile, propionitrile, anisole, acetic acid ester, lactic acid ester and propionic acid ester.

2. (Amended) The non-aqueous electrolyte cell according to claim 1 wherein the lithium-transition metal compound oxide, represented by the general formula Li_xMnO_2 or $\text{Li}_x\text{Mn}_{1-y}\text{Al}_y\text{O}_2$, has a crystalline structure as represented by the spatial group C2/m.

Claims 3-5 (Cancelled)